

ADE IT 2013 - 2015 Strategic Objectives

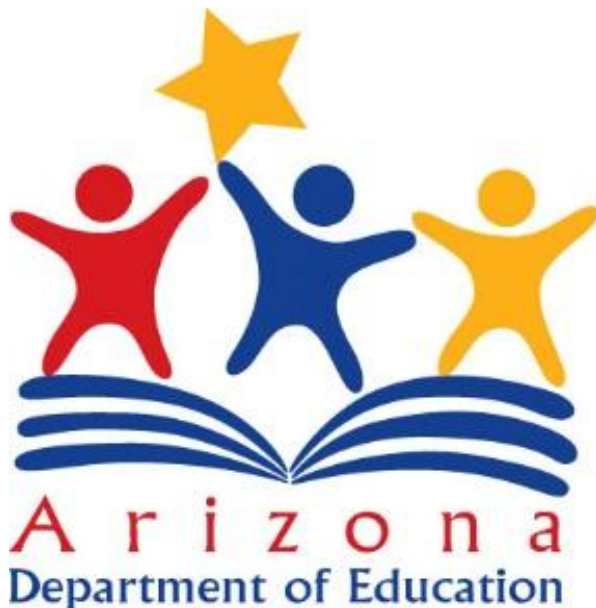
Presented to:

Arizona Ready IT Task Force

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Agenda

- Tech alignment with a purpose
- Associated risks and unresolved issues
- Next steps

A photograph of two students, a boy and a girl, sitting at a desk in a classroom. The boy is in the foreground, wearing a blue shirt, and is looking down at a book or paper he is holding. The girl is behind him, also looking down at her work. In the background, there is a bulletin board with various papers pinned to it. The overall scene is a typical classroom environment.

ALIGNING TO OBJECTIVES

Tech alignment with a purpose

**Arizona students prepared to
succeed in college and careers**

**Arizona
reform plan
components**

Data use

**Standards and
Assessments**

**Great Teachers
Great Leaders**

**Supporting
Struggling
Schools**

**ADE Agency
Strategy**

- AELAS (ARS§ 15-249)
- ADE app simplified
- College / Career Ready (state led)

- AELAS
- Arizona Core Stds
- Move on when reading
- New Azella test
- S/T/C Connection

- AELAS
- Teacher/Principal evaluation
- S/T/C Connection
- ADE process simplification

- AELAS
- S/T/C Connection
- Transformative Schools
- ADE processing simplification

**ADE Business
Objectives**

In development

**ADE IT
Strategic
Objectives**

- SAIS Replacement
- Transformative Learning
- ADE Application Simplification
- ED³S (SLDS)

- Managed Services (Infrastructure)
- IT Operations Transformation

Program alignment to seven strategic objectives

1

SAIS Replacement

1. Student Management System
2. Business Rules Engine
3. School Aid Payment System
4. Identity Management Service

16 projects

3

ADE Application Simplification

1. Enterprise Architecture
2. Enterprise Finance/Enterprise Reporting
3. Enterprise (Current) Replacement
4. CRM

9 projects

2

Transformative Learning

1. Learning Management Sys (LMS)
2. Content Management Sys (CMS)
3. Professional Development Sys (PDS)
4. Assessment Sys
5. Identity Management Solution
6. Teacher and Principal Evaluation
7. Transformative Learning

22 projects

4

ED³S (SLDS)

1. AZSLDS (External Dashboards)
2. CEDS (Data Standard Implementation)
3. Ed-Fi (Internal Dashboards LEA)
4. Predictive Analytics (Education Intelligence)

5 projects

Program alignment to seven strategic objectives

5

Managed Svs (Infrastructure)

1. Replace Legacy Infrastructure
2. Identity Management
3. Managed Services

3 Projects

6

ADE IT Operations Transformation

1. ALM
2. ITIL (ISO27000)
3. IaaS (Infrastructure as a Service)
4. SaaS (Software as a Service)
5. IT Personnel Managed
Svcs Transformation

2 Projects

7

Program Mgmt Office

1. Personnel and Tools to manage
ADE Strategic Programs

2 Projects

Create with an eye on value

Strategic Program

SAIS Replacement Strategic Programs

1. Student Management Sys
2. Business Rules Engine
3. School Aid Payment Sys
4. Identity Management Solution

Business Value

- Stabilization of legacy school finance systems
- Real-time student detail updates by LEA
- Real-time course assignment
- Transcript Information
- Law and rule implementation transparency
- Accountability
- Security

ROI

**Business
Case
October
2012**

Transformative Learning Strategic Programs

1. Learning Management System (LMS)
2. Content Management System (CMS)
3. Professional Development System (PDS)
4. Assessment System
5. Identity Management Solution
6. Teacher and Principal Evaluation

- Professional development course mgmt
- Video bank for teachers and students
- Lesson plans to support AZ Common Core
- E-books
- Educational development
- Low-stakes formative assessment
- Support for PARCC implementation
- Enable teacher and principal evaluation providing transparency and accountability

**Business
Case
October
2012**

Create with an eye on value (cont)

Strategic Program

Business Value

ROI

ADE App Simplification Strategic Programs

1. Enterprise Architecture
2. Enterprise Finance/Enterprise Reporting
3. Enterprise (Current) Replacement
4. CRM

- Reduce 172 Systems to 30-50
- Lower Cost and increase Data Quality
- Replace Legacy Financial System
- Provide Data Visibility/Access tools to stakeholders
- Single Source of truth for Student/Teacher/Facilities (LEAs)
- Enable Event Management

**Business
Case
October
2012**

ED³S (SLDS) Strategic Programs

1. AZSLDS (External Dashboards)
2. CEDS (Data Standard Implementation)
3. Ed-Fi (Internal Dashboards LEA)
4. Predictive Analytics (Education Intelligence)

- Transparency of ADE data for stakeholders
- External/Internal/LEA data portals
- Stakeholder dashboards
- Stakeholder forecasting
- What-if analysis
- Enable DATA DRIVEN DECISIONS
- Enable Education Intelligence

**Business
Case
October
2012**

Create with an eye on value (cont)

Strategic Program

Business Value

ROI

Managed Services Infrastructure

1. Replace legacy infrastructure
2. Identity management
3. Managed services

- Future proof platform for stakeholder confidence
- Lower cost and increase reliability/sustainability
- Replace legacy financial system
- Minimize security/disaster recovery risk

**Business
Case
October
2012**

IT Operations Transformation

1. Application level management
2. ITIL (ISO27000)
3. IaaS (Infrastructure as a Service)
4. SaaS (Software as a Service)
5. IT managed services transformation

- Repeatable processes / reduced customer impacts incidents/downtime
- Pushes IT ownership to program areas (Accountability and cost Visibility)
- IaaS changes cost structure from CAPEX to OPEX...predictable cost for customer
- SaaS enables shared software which reduces State cost of ownership

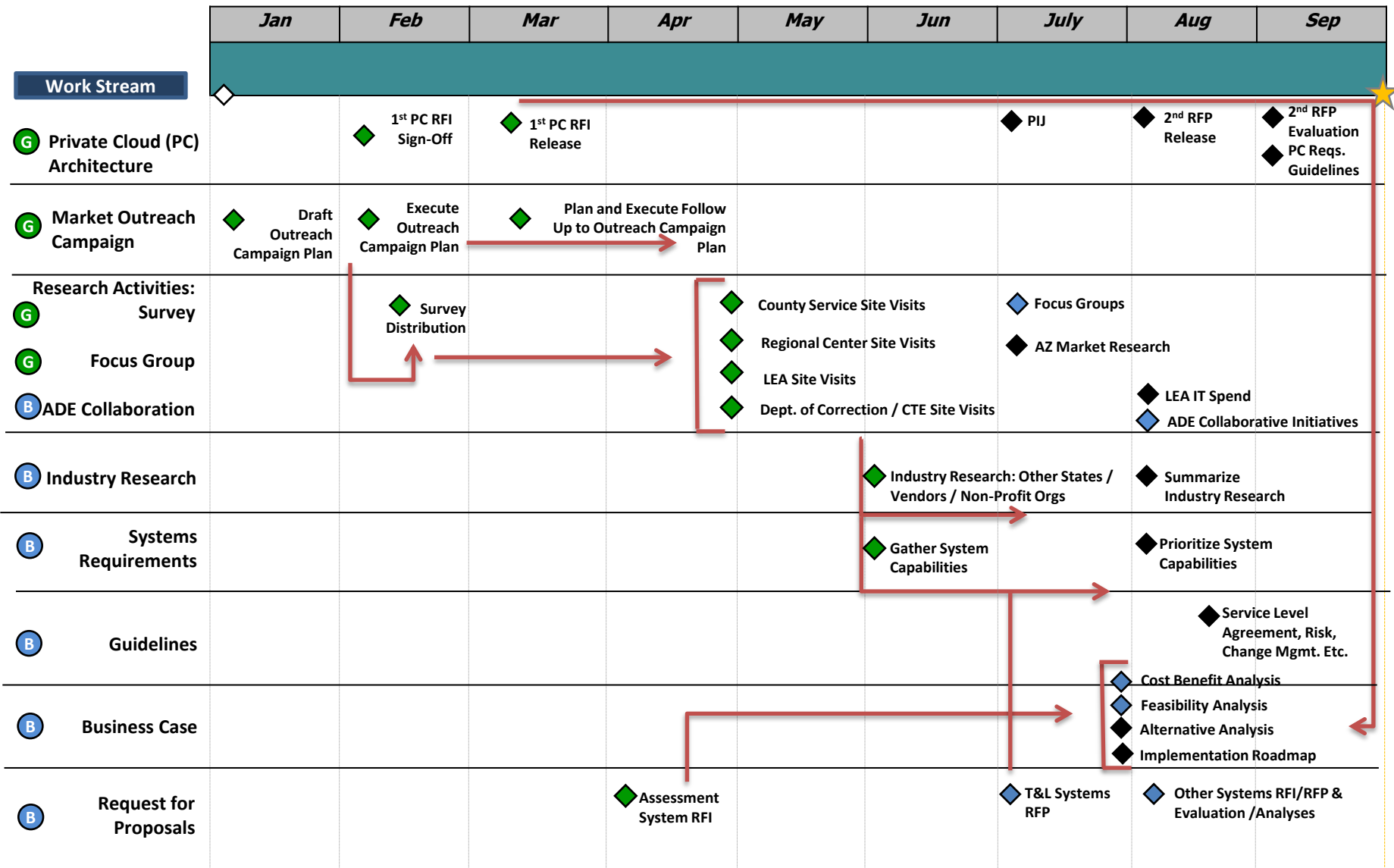
**Business
Case
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AELAS BUSINESS CASE ROADMAP AND DISCUSSION

◆ Complete
◆ Underway
◆ At Risk
◆ Delayed
◆ Upcoming
→ Critical Path

AELAS Business Case Program Roadmap (as of 06/26/12)



Unresolved questions and risks

- Funding
 - Centrally Funded
 - Opt-In locally funded
- Implementation
 - Meeting the needs of various stakeholders
 - One size does not fill all
- Acceptance
 - Managing change and user group fears
 - Communicating the right message

Next steps

- Validation
 - Right approach?
 - Missing pieces?
 - Suggestions?
- Presentation
 - Volunteer to present to Arizona Ready

Thank You



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